



Substitute for form 1449A/PTO

(use as many sheets as necessary)

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Completeness *if Known*

Application Number	09/851,177
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Filing Date	5/8/2001
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First Named Inventor	H11
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Art Unit	1.75/
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Examiner Name _____

Attorney Docket Number	ZL 494/01001
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Examiner Initials*	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number- Kind Code* (if known)			
CNN		US-6,191,066B1	02-20-2000	Singleton; et al.	1-34
CNN		US-6,087,405A	07-11-2000	Plecha et al.	1-34
CNN		US-5,453,169A	09-26-1995	Callstrom et al.	1-34
CNN		US-5,182,248A	01-26-1993	Cody et al	1-34
CNN		US-4,740,490	04-26-1988	Vanderspurt et al	1-34
CNN		US-4,738,948	04-19-1988	Iglesia et al	1-34
CNN		US-4,729,981	03-08-1988	Kobylnski et al.	1-34
CNN		US-4,717,702	01-05-1988	Beuther et al.	1-34
CNN		US-4,598,062	07-01-1986	Schneider et al.	1-34
CNN		US-4,191,664	03-04-1980	McArthur et al.	1-34
CNN		US-3,988,263	10-26-1976	Hansford	1-34
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Examiner
Signature

Date Considered

3/20/12

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**Complete if Known**

Application Number	09/851,177
Filing Date	05/08/2001
First Named Inventor	HU
Group Art Unit	1754
Examiner Name	Cam
Attorney Docket Number	ZL494/010

(use as many sheets as necessary)

Sheet	1	of	1
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>Cam Nguyen</i>	Date Considered	3/20/03
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number 09/851,177
Filing Date 5/8/2001
First Named Inventor Hu
Group Art Unit
Examiner Name
Attorney Docket Number ZL 494/0001

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
CNN		5,733,839		Espinoza et al.	03-31-1998	
CNN		5,648,312		Rivas et al.	07-15-1997	
CNN		5,545,674		Behrmann et al.	08-13-1996	
CNN		5,516,740		Cody et al.	05-14-1996	
CNN		5,227,407		Kim	07-13-1993	
CNN		5,200,382		Cody et al.	04-06-1993	
CNN		5,128,377		Behrmann et al.	07-07-1992	
CNN		5,102,851		Eri et al.	04-07-1992	
CNN		5,036,032		Iglesia et al.	07-30-1991	
CNN		4,992,406		Mauldin et al.	02-12-1991	
CNN		4,962,078		Behrmann et al.	10-09-1990	
CNN		4,880,763		Eri et al.	11-14-1989	
CNN		4,857,559		Eri et al.	08-15-1989	
CNN		4,857,497		De Jong et al.	08-15-1989	
CNN		4,822,824		Iglesia et al.	04-18-1989	
CNN		4,801,573		Eri et al.	01-31-1989	
CNN		4,585,798		Beuther et al.	04-29-1986	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
CNN		EP	0 736 326	A1	Sastech	04-04-1996		
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Examiner Signature

Cam Nguyen

Date

Considered

3/20/03

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	09/851,177
		Filing Date	5/8/2001
		First Named Inventor	Hu
		Group Art Unit	354
		Examiner Name	Cam Nguyen
Sheet 2 of 2	Attorney Docket Number	ZL 494/01001	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
CNN	1	IGLESIA, Design, synthesis, and use of cobalt-based Fischer-Tropsch synthesis catalysts, Applied Catalysis A: General, 1997, pg 59-78, Vol. 161, Elsevier	
CNN	2	MAITLIS, Towards a chemical understanding of the Fischer-Tropsch reaction: alkene formation, Applied Catalysis A: General, 1999, pg 363-374, Vol. 186, Elsevier	
CNN	3	IGLESIA, Synthesis and Catalytic Properties of Eggshell Cobalt Catalysts for the Fischer-Tropsch Synthesis, Journal of Catalysis, 1995, pg 108-122, Vol. 153, Academic Press, Inc.	
CNN	4	SUN, Preparation Method of Highly Active Co/SiO ₂ Catalyst for Slurry Phase Fischer-Tropsch Synthesis, Symposium on Syngas Conversion to Fuels and Chemicals Presented Before the Division of Petroleum Chemistry, Inc. 217th National Meeting, American Chemical Society, Anaheim, CA, March 21-25, 1999, pg 76-78	
CNN	5	REUEL, The Stoichiometries of H ₂ and CO Adsorptions on Cobalt: Effects of Support and Preparation, Journal of Catalysis, 1984, pg 63-77, Vol. 85, Academic Press, Inc.	
CNN	6	KRAUM, Fischer-Tropsch synthesis: the influence of various cobalt compounds applied in the preparation of supported cobalt catalysts on their performance, Applied Catalysis A: General, 1999, pg 189-200, Vol. 186, Elsevier	
CNN	7	BARBIER, Preparation and characterization of well-dispersed and stable Co/SiO ₂ catalysts using the ammonia method, Applied Catalysis A: General, 1998, pg 333-343, Vol. 168, Elsevier	

Examiner Signature	Cam Nguyen	Date Considered	3/20/03
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